

03050109-110

(Huff Creek)

General Description

Watershed 03050109-110 is located in Greenville County and consists primarily of *Huff Creek* and its tributaries. The watershed occupies 22,837 acres of South Carolina's Piedmont region. The predominant soil types consist of an association of the Madison-Davidson-Cecil-Pacolet series. The erodibility of the soil (K) averages 0.26 and the slope of the terrain averages 15%, with a range of 2-40%.

Land use/land cover in the watershed includes: 45.4% forested land, 41.8% agricultural land, 10.8% urban land, 0.8% barren land, 0.8% water, and 0.4% forested wetland (swamp).

Huff Creek accepts drainage from Baker Creek (Trollingwood Lake) and Little Creek before flowing into the Reedy River at the Town of Fork Shoals. There are a total of 39.7 stream miles and 205.9 acres of lake waters in this watershed, all classified FW.

Surface Water Quality

<u>Station #</u>	<u>Type</u>	<u>Class</u>	<u>Description</u>
S-863	BIO	FW	HUFF CREEK AT SR 459
S-178	S/INT	FW	HUFF CREEK AT SC 418, 1.6 MILES NW OF FORK SHOALS

Huff Creek - There are two SCDHEC monitoring sites along Huff Creek. Aquatic life uses are partially supported at the upstream site (*S-863*) based on macroinvertebrate community data. At the downstream site (*S-178*), aquatic life uses are fully supported; however, there is a significant increasing trend in turbidity. There is a significant increasing trend in pH. Prior to 2001, this was a secondary monitoring station and sampling was intentionally biased towards periods with potentially low dissolved oxygen concentrations. A significant increasing trend in dissolved oxygen concentration and a significant decreasing trend in total phosphorus concentration suggest improving conditions for these parameters. Recreational uses are not supported due to fecal coliform bacteria excursions. In addition, there is a significant increasing trend in fecal coliform bacteria.

NPDES Program

Active NPDES Facilities

RECEIVING STREAM

FACILITY NAME

PERMITTED FLOW @ PIPE (MGD)

HUFF CREEK
CROWN METRO INC.
PIPE #: A10 FLOW: 0.50

HUFF CREEK
WCRSA/IDLEWILD TRUST
PIPE #: 001 FLOW: 0.070
BAKER CREEK
UNITED UTILITIES/TROLLINGWOOD SD

NPDES#

TYPE

COMMENT

SCG250091
MINOR INDUSTRIAL
COOLING WATER

SC0023973
MINOR DOMESTIC

SC0026611
MINOR DOMESTIC

PIPE #: 001 FLOW: 0.10

PROPOSED EXP. TO 0.1 MGD

BAKER CREEK
UNITED UTILITIES/CANTERBURY SD
PIPE #: 001 FLOW: 0.08

SC0028941
MINOR DOMESTIC

Growth Potential

There is generally a low potential for development in this watershed. There are some industrial sites and land used for agricultural purposes. U.S. 25 to the City of Greenville runs along the western edge of the watershed. Greenville County's zoning boundary will extend southward to S.C. 418 and should promote medium density development.